

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER
19353/9

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

107521310

INTERNATIONAL APPLICATION NO.
PCT/US03/21577

INTERNATIONAL FILING DATE
July 11, 2003

PRIORITY DATE
July 16, 2002

**TITLE OF INVENTION
PATHOGEN REDUCTION USING CHLORAMINES**

APPLICANT(S) FOR DO/EO/US

Joe D. Phillips; Robert P. Kim; Stephen P. Axtell; and Sam M. Jaffe

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C.
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20. Other items or information:
Return Postcard

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 10/521 310	INTERNATIONAL APPLICATION NO. PCT/US03/21577	ATTORNEY'S DOCKET NUMBER 19353/9	
21. The following fees are submitted:		Applicant use Office use only	
<input checked="" type="checkbox"/> a) Basic national fee		\$300.00 \$300.00	
<input checked="" type="checkbox"/> b) Examination fee		\$200.00 \$200.00	
<input checked="" type="checkbox"/> c) Search fee		\$500.00 \$500.00	
TOTAL OF ABOVE CALCULATIONS =		\$1000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	
- 100 =	/50 =	x \$250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	20	- 20 =	0
Independent claims	7	- 3 =	4
Multiple Dependent Claims (if applicable) <input type="checkbox"/>		+ \$360.00	\$
TOTAL OF ABOVE CALCULATIONS		= \$	\$1,800.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			
SUBTOTAL = \$ \$900.00			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). + \$			
TOTAL NATIONAL FEE = \$ \$900.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per + \$			
TOTAL FEES ENCLOSED = \$ \$900.00			
Amount to be refunded:			
Amount to be charged:			
<p>a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account <u>50-0369</u> in the amount of <u>\$900.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account <u>50-0369</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.			
SEND ALL CORRESPONDENCE TO:			
Mark S. Leonardo, Reg. No.: 41,433 Attorney for Applicant Brown Rudnick Berlack Israels LLP One Financial Center, Box IP Boston, MA 02111 Tel.: 617-856-8145 Fax.: 617-856-8201 email: ip@brownrudnick.com			
 _____ SIGNATURE _____ John C. Serio _____ NAME			
_____ 39,023 _____ REGISTRATION NUMBER			

10/521310

DT15 Rec'd PCT/PTO 13 JAN 2005

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR §1.10)

Docket No. 19353/9

APPLICANT(S):

Phillips et al.

TITLE OF THE INVENTION:

PATHOGEN REDUCTION USING CHLORAMINES

FILING DATE: HEREWITH

APPLICATION NUMBER (if known): UNKNOWN

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that the following correspondence:

Transmittal papers (2 pgs.); Preliminary Amendment (7 pgs.); Executed Declaration and Power of Attorney (6 pgs.); Small Entity Assertion (1 pg).

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

January 13, 2005

Date

Sandra Wittrup

Person Mailing Correspondence

Sandra Wittrup
Signature

EV 400527190 US

Express Mail No.

10/521 310

DT15 REC'D PCT/PTO 13 JAN 2005

APPLICATION FOR PATENT (Small Entity Assertion)

Express Mail No: EV 400527190 US

Docket No. 19353/9

INVENTOR(S): Phillips et al.

TITLE OF THE INVENTION:

PATHOGEN REDUCTION USING CHLORAMINES

FILING DATE: Herewith

Serial Number (if known): Not Yet Assigned

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SMALL ENTITY ASSERTION

Sir:

Applicant claims small entity status under 37 CFR 1.27 for the above-identified patent application.

Respectfully Submitted,

Date: 1-13-05


John C. Serio, Reg. No. 39,023
Customer No 21710
Intellectual Property Department
Brown Rudnick Berlack Israels LLP
One Financial Center, Box IP
Boston, MA 02111
Tel: 617-856-8238
Fax: 617-856-8201